

OBO and Third Party Setup and Configuration Guide  
Oracle Banking Digital Experience  
Patchset Release 22.2.3.0.0

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## OBO and Third Party Setup and Configuration Guide

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# 1. Preface

## 1.1 Intended Audience

This document is intended for the following audience:

- Customers
- Partners

## 1.2 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

## 1.3 Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit

<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

## 1.4 Structure

This manual is organized into the following categories:

Preface gives information on the intended audience. It also describes the overall structure of the User Manual.

The subsequent chapters describes following details:

- Introduction
- Preferences & Database
- Configuration / Installation.

## 1.5 Related Information Sources

For more information on Oracle Banking Digital Experience Patchset Release 22.2.3.0.0, refer to the following documents:

- Oracle Banking Digital Experience Installation Manuals

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## 2. Introduction

This document is intended for setting up OBDX 21.1.1.0 originations with OBO 14.4 and Third Party releases.

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# 3. Database Configuration

Following configurations need to be done post installation

## 3.1 System Configuration

Please complete day one maintenance from admin screen. Please refer 'User Manual Oracle Banking Digital Experience System Configuration.docx' document for day one maintenance. These are mandatory configurations for application to work. It should be completed before using the application.

### Origination specific fields

The screenshot shows the Futura Bank admin configuration interface. At the top, there is a navigation bar with the Futura Bank logo, a search bar, and a user profile for 'Administrator User' with a last login of '04 May 05:17 PM'. Below the navigation bar is a sidebar menu with categories like Basic Details, Host Details, Bank Details, Branch Details, SMTP, Third Party Configuration, Dynamic Module, Brand, Payment, and WealthManagement. The main content area is divided into two sections. The first section contains various system configuration fields such as Wallet Product Code (WALLET), RPM Entity Id (DEFAULTENTITY), External Funding Supported (true), Issuer List (ICICI,SBI), RPM Document Host port (7000), Purging Days (0), RPM Host port (7000), RPM Document Branch Code (006), RPM Branch Code (006), CC Balance Transfer Supported (N), RPM Multilingual Check Required (true), Microblink Host port (8000), RPM BP CHANNEL (OBDX), RPM Document User Id (OBDX), Student Loan Disclaimer Supported (Y), App Expiring Days (90), Microblink Host IP address (whf00xxxx), RPM BP Host port (7000), App Expiring Days (90), RPM BP User ID (OBDX), RPM Host IP address (10.4xxxxx), Maximum Add On cards (3), RPM Authorization token (Y), and Maximum Card Balance Transfer (3). The second section, titled 'ORIGINATION', contains fields for RPM APP ID (PRTONB), RPM USER ID (OBDX), OCR Authorization token (Y), RPM BP Branch Code (006), RPM Document Authorization (Y), Application Limit (2000), RPM Application Trakcer APPID (RPMPROJECTION), RPM Wallet Branch Code (001), Insta Account Products (INSAC1,INSCUR,INSTDA,WALLE1), RPM BP APP ID (OBREMOBDETAILS), RPM Application APPID (RPMPROCESSDRIVER), RPM Document Host IP address (10.xxxxxxx), Inactive KYC allow flag (Y), RPM Document APP ID (CMNCORE), RPM BP Host IP address (10.4xxxxx), OCR Document Categories (DL,DLFrontSide,DLBackSide,NID), Customer Subtype (INDIVIDUAL), and No of Days for Re-KYC (Low,720,Medium,365,High,180).

**Description of fields under origination tab:**

<b>Configuration of OBPY API:</b>	
RPM Host Ip Address	Hostname of OBPY system
RPM Host Port	Port number of OBPY System
RPM App Id	App id for OBPY rest.
RPM User Id	User Id for OBPY rest
RPM Branch code	Branch code for OBPY rest.
<b>Configurations of OBO API:</b>	
RPM BP Host Ip Address	Hostname of OBO system
RPM BP Host port	Port number of OBO System
RPM BP APP ID	App id for OBO API
RPM BP User ID	User ID for OBO rest
RPM BP Branch code	Branch code for OBO rest
RPM BP Channel	Channel for OBO rest
RPM Entity Id	Entity ID of RPM
RPM Wallet Branch Code	Branch code used to open wallet branch code
<b>Configuration of Application API</b>	
RPM Application App Id	App id for Application rest
RPM Authorization token	Authorization token for RPM for Application rest
<b>Configuration of Document API</b>	
RPM Document Host IP address	Hostname for document API
RPM Document Host Port	Port number for document API
RPM Document App Id	App id for RPM document API
RPM Document User Id	User ID for RPM Document API
RPM Document Branch Code	Branch code for RPM Document API.
RPM Document Authorization	Authorization token for document API
<b>Configuration of Microblink (OCR):</b>	

<b>Configuration of OBPY API:</b>	
Microblink Host Ip Address	Hostname for OCR API.
Microblink Host port	Port number for OCR API.
OCR Authorization token	Authorization token for OCR API
OCR Document Categories	Document categories eligible for OCR
<b>Application tracker Configuration:</b>	
RPM Application tracker APPID	App id for RPM application tracker API
App Expiring Days	Days window used for setting application Expiry date
Application Limit:	Offset value for Application Tracker API
Purging Days:	Days window for which application is active.
<b>Credit Card Configuration:</b>	
Maximum Card Balance Transfer	Maximum number of Card Balance transfer supported
Issuer List	List of issuers separated by comma
CC Balance Transfer Supported	Should be set to “Y” if balance transfer is supported.
Maximum Add on Cards	Maximum number of Add on card.
<b>Other Configuration:</b>	
RPM Multilingual Check required:	Default value: false. Can be set to true if multilingual hooks required for product catalogue.
Student Loan Disclaimer Supported	Y/N should be set to Y if disclaimer pop-up is required for student loan.
Inactive KYC allow flag	Should be set to Y if applicant is allowed to apply for product in case of inactive KYC.
External Funding Supported	Should be set to “true” if External Funding is supported.
Wallet Product Code	Business product code of wallet product.
Customer Subtype	“Customer subtype” tag value for OBO API
Insta Account Products	Comma separated business product codes which are insta products.



<b>Configuration of OBPY API:</b>	
No of Days for Re-KYC	No of days for Re-KYC as per Risk category. Eg. "Low,720,Medium,365,High,180"  Here 720 days is validity of KYC for Low risk category level. 365 days is for medium and 180 days for High risk application. No of days as per risk category is configurable.

## 3.2 Additional (functional) Configuration

### 3.2.1 Configuring Repository adapter for Application:

- **OBO Host Configuration:**

No Configuration required.

- **Third Party Configuration:**

If local (database) storage is required for third party entity following query needs to be executed.

```
Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,
CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('RPM_APPLICATION_REPOSITORY_ADAPTER','RepositoryAdapterFactories','com.ofss.digx.domain.origination.entity.application.repository.adapter.LocalApplicationRepositoryAdapter,com.ofss.digx.domain.origination.entity.application.repository.adapter.RemoteApplicationRepositoryAdapter','OBDX_BU',null,sysdate,'ofssuser',sysdate);
```

### 3.2.2 Configuring Repository adapter for Application Tracker:

- **OBO Host Configuration:**

No Configuration required.

- **Third Party Configuration:**

If local (database) storage is required for third party entity following query needs to be executed.

```
Insert into digx_fw_config_all_o
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,
CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('APPLICATIONTRACKER_REPOSITORY_ADAPTER','RepositoryAdapterFactories','com.ofss.digx.domain.origination.entity.application.repository.adapter.LocalApplicationTrackerRepositoryAdapter,com.ofss.digx.domain.origination.entity.application.repository.adapter.RemoteApplicationTrackerRepositoryAdapter',<ENTITY_ID>,null,sysdate,'ofssuser',sysdate);
```

### 3.2.3 Configuring Repository adapter for Product Documents

- **OBO Host Configuration:**

No Configuration required.

- **Third Party Configuration:**

If bank wants to fetch list of documents from OBDX local storage then a separate entry in DIGX\_FW\_CONFIG\_ALL\_O table is required.

```
Insert into DIGX_FW_CONFIG_ALL_O (PROP_ID, PREFERENCE_NAME, PROP_VALUE,
DETERMINANT_VALUE, CREATED_BY, CREATION_DATE, LAST_UPDATED_BY,
LAST_UPDATED_DATE)
```

values ('PRODUCT\_DOCUMENT\_REPOSITORY\_ADAPTER', 'RepositoryAdapterFactories', 'com.ofss.digx.domain.origination.entity.product.repository.adapter.LocalProductRepositoryAdapter', '<Entity ID>', null, SYSDATE, 'ofssuser',SYSDATE);

**Note:** This local storage table for product documents is DIGX\_OR\_PRODUCT\_DOCUMENTS

Insert queries as per the below screenshot of this table

ID	CATEGORY	NAME	DESCRIPTION	MANDATORY	PRODUCT_CODE	PRODUCT_CATEGORY	CREATED_BY	CREATION_DATE	LAST_UPDATED_BY	LAST_UPDATED_DATE	OBJECT
1	DOC1 Address Proof	Aadhaar card	Aadhaar card	N	OBDSJ	SAVINGSH1	ofssuser	10-JUL-20 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
2	DOC17 Address Proof	Aadhaar card	Aadhaar card	N	OBDCP	CHECKINGH1	ofssuser	10-JUL-20 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
3	DOC19 Address Proof	Aadhaar card	Aadhaar card	N	OBXCA	CHECKINGH1	ofssuser	10-JUL-20 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
4	DOC21 Id Proof	DL	Driving license	N	OBDSJ	SAVINGSH1	ofssuser	10-JUL-20 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
5	DOC22 Id Proof	DL	Driving license	N	SAADVT	SAVINGSH1	ofssuser	10-JUL-20 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
6	DOC23 Id Proof	DL	Driving license	N	OBDCP	CHECKINGH1	ofssuser	10-JUL-20 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
7	DOC24 Id Proof	DL	Driving license	N	OBXCA	CHECKINGH1	ofssuser	10-JUL-20 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
8	DOC3 Address Proof	Aadhaar card	Aadhaar card	N	SAADVT	SAVINGSH1	ofssuser	10-JUL-20 08.09.03.0000000000 AM	ofssuser	10-JUL-20 08.09.03.0000000000 AM	A
9	DOC10 Id Proof	PAN Card	PAN Card	N	OBDFPL	PERSONALLOANH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
10	DOC11 Proof of Income	Property Documents	Property Documents	N	OBXAL	AUTOLAANH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
11	DOC12 Proof of Income	Salary Proof	Salary Proof	N	OBXAL	AUTOLAANH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
12	DOC13 Proof of Identity and Address	Aadhaar card	Aadhaar card	N	OBXAL	AUTOLAANH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
13	DOC14 Address Proof	DL	Driving license	N	OBXAL	AUTOLAANH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
14	DOC15 Proof of Identity and Address	Passport	Passport	N	OBXAL	AUTOLAANH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
15	DOC16 Id Proof	PAN Card	PAN Card	N	OBXAL	AUTOLAANH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
16	DOC18 Id Proof	PAN card	PAN card	N	OBDCP	CHECKINGH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A
17	DOC2 Id Proof	PAN card	PAN card	N	OBDSJ	SAVINGSH1	ofssuser	04-JUL-20 04.24.43.0000000000 PM	ofssuser	04-JUL-20 04.24.43.0000000000 PM	A

Sample query is given below for reference:

```
Insert into DIGX_OR_PRODUCT_DOCUMENT
(ID,CATEGORY,NAME,DESCRIPTION,MANDATORY,PRODUCT_CODE,PRODUCT_CATE
GORY,CREATED_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE,O
BJECT_STATUS,OBJECT_VERSION_NUMBER) values ('DOC1','Address Proof','Aadhaar
card','Aadhaar card','N','OBDSJ','SAVINGSH1','ofssuser',SYSDATE,'ofssuser',SYSDATE,
'A',21);
```

### 3.2.4 Configuring Repository adapter for Mid Office Content Repository

- **OBO Host Configuration:**

No Configuration required.

- **Third Party Configuration:**

Please execute following query this will fetch content from local database.

```
Insert into digx_fw_config_all_o
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,
CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('MO_CONTENT_REPOSITORY_ADAPTER','RepositoryAdapterFactories','com.ofss.digx.do
main.content.entity.repository.adapter.LocalContentRepositoryAdapter','OBX_BU',null,sysd
ate,null,null);
```

### 3.2.5 Configuring Adapter Preference for Entity

- **OBO Host Configuration:**

Execute following query to find adapter preference of the entity.

```
select * from digx_fw_config_all_o where prop_id = 'OBX_BU';
```

Update prop value of above selected record such that **RPM14.4 should be after UBS12.4**

Sample adapter preference as below.

UBS14.4,UBS14.3,UBS14.2,UBS14.1,UBS14.0,UBS12.4,  
**RPM14.4**,OBCL14.3,OBCLPM14.3,ELCM14.3,OBVAM14.4,OBVAM14.3,OBSCF14.4,OBSC  
 F14.3,ASP14.4,INV14.4,CMS14.4,OBCFPM14.4,OBCFPM14.3,OBLM14.4,OBLM14.2,OBIC  
 14.4,OBTF14.4,MIDOFFICE1.0,TP1.0

**Execute following query to update adapter preference.**

```
update digx_fw_config_all_o set prop_value='<Updated_Adapter_Preferences>' where
prop_id = 'OBDX_BU';
```

- **Third party Configuration:**  
No Configuration required.

### **3.2.6 Configuring Origination Workflow (Loan Requirement Step)**

- **OBO Host Configuration:**  
No Configuration required.
- **Third party Configuration:**

Execute following queries to update UI component names of origination workflow steps.

```
update digx_or_steps set ui_definition='{ "ui-component": "auto-loan-
requirement", "showInReview": true, "category": "LOANS", "productClass": "AUTOMOBILE" }'
where step_id='AUTOLNINFO' and determinant_value='OBDX_BU';
```

```
update digx_or_steps set ui_definition='{ "ui-component": "home-loan-
requirements", "showInReview": true, "category": "LOANS", "productClass": "HOME_LOAN" }'
where step_id='HOMELNINFO' and determinant_value='OBDX_BU';
```

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---

## 4. Product Configuration

- To enable products execute the following script.

```
update digx_or_product_category set status='ACTIVE' where determinant_value=<entity_id> and id='<required_product>';
```

eg. For activating CASA Savings product with id SAVINGSH1 can be activated as follows.

```
update digx_or_product_category set status='ACTIVE' where determinant_value='OBDX_BU' and id='SAVINGSH1';
```

- To enable all supported products., execute the following script.

```
update digx_or_product_category set status='ACTIVE' where determinant_value='OBDX_BU' and id in ('SAVINGSH1','CHECKINGH1','AUTOLOANH1','PERSONALLOANH1','HOMELOANH1','EDUCATIONLOANH1','TERMDEPOSITH1','CREDITCARDH1');
```

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## 5. OCR Configuration

Post Day 1 configuration for OCR:

In DIGX\_FW\_CONFIG\_VAR\_B, make entry of hostname and port corresponding to determinant value.

---

Note: If bank is using "Microblink" as third party OCR platform then below configurations needs to be done. In case of any other platform hostname and port number should be changed accordingly.

---

```
Insert into DIGX_FW_CONFIG_VAR_B
(PROP_ID,ENV_ID,PROP_VALUE,FACTORY_SHIPPED_FLAG,PROP_COMMENTS,CREATE
D_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE,OBJECT_STATUS,OB
JECT_VERSION_NUMBER,MODULE,DETERMINANT_VALUE,TYPE,UI_DEFINITION) values
('DOC_TYPE','OBDX','<Document categories supporting OCR>',null,'Document
Type','ofssuser',sysdate,'ofssuser',null,'A',1,'Origination','OBDX_BU','TXT',{ "title": "OCR
Document Categories", "validator": "ALPHANUMERIC", "required": false });
```

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## 6. Security Changes:

The OTP authentication generates JWT Token which remains active for 15 mins. Below property in `digx_fw_config_all_b` table can be updated to change the token expiration time. If user select to re-send OTP the number of re-send counts will be reduced based on this timeout. Token reduces OTP re-send count if last token send time plus 15 mins is after current time.

ORG\_REG\_LINK\_TIMEOUT

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## 7. Enumeration Configuration:

- **Configuration for local enumeration:**

```
Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_ASSETS_TYPE','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sys
date,null,null);
```

```
Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('EMPLOYMENT_STATUS','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdat
e,null,null);
```

```
Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('EMPLOYMENTTYPE','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdate,nul
l,null);
```

```
Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_EXPENSE_FREQUENCY','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_B
U',null,sysdate,null,null);
```

```
Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_EXPENSE_TYPE','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sys
date,null,null);
```

```
Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('GENDER','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdate,null,null);
```



```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_INCOME_FREQUENCY','EnumerationConfig','LOCAL_OPEN_ENUM','OB
DX_BU',
null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_INCOME_TYPE','EnumerationConfig','LOCAL_OPEN_ENUM','OB
DX_BU',null,sys
date,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_LIABILITY_FREQUENCY','EnumerationConfig','LOCAL_OPEN_ENUM','
OB
DX_BU',
null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_LIABILITY_TYPE','EnumerationConfig','LOCAL_OPEN_ENUM','OB
DX_BU',null,sys
date,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('NA','EnumerationConfig','LOCAL_OPEN_ENUM','OB
DX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('MARITALSTATUS','EnumerationConfig','LOCAL_OPEN_ENUM','OB
DX_BU',null,sysdate,null,n
ull);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('SALUTATION','EnumerationConfig','LOCAL_OPEN_ENUM','OB
DX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('NOMINEE_RELATIONS','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdate,
null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('IDENTIFICATIONTYPES','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdate
,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('COUNTRY','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('ISDCODE','EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
(OR_CITIZENSHIP_BY,'EnumerationConfig','LOCAL_OPEN_ENUM','OBDX_BU',null,sysdate,nul
l,null);

```

- **Configuration for Remote enumeration:**

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_ASSETS_TYPE','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,s
ysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('EMPLOYMENT_STATUS','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysd
ate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('EMPLOYMENTTYPE','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,
null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_EXPENSE_FREQUENCY','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_
BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_EXPENSE_TYPE','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,
sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('GENDER','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_INCOME_FREQUENCY','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_B
U',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_INCOME_TYPE','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,s
ysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_LIABILITY_FREQUENCY','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_
BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('FINANCIAL_LIABILITY_TYPE','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,
sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('NA','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('MARITALSTATUS','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,null,
null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('SALUTATION','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,null,null)
;

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('NOMINEE_RELATIONS','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdat
e,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('IDENTIFICATIONTYPES','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysda
te,null,null);

```

```

Insert into DIGX_FW_CONFIG_ALL_O
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values
('COUNTRY','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,null,null);

```

```
Insert into DIGX_FW_CONFIG_ALL_O  
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE  
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values  
('ISDCODE','EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,null,null);
```

```
Insert into DIGX_FW_CONFIG_ALL_O  
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE  
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values  
(OR_CITIZENSHIP_BY,'EnumerationConfig','REMOTE_OPEN_ENUM','OBDX_BU',null,sysdate,  
null,null);
```

```
Insert into DIGX_FW_CONFIG_ALL_O  
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE  
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values  
('OBDX_BU.com.ofss.digx.extxface.common.adapter.IEnumerationAdapter.getCountry','Extxface  
AdapterPreference','com.ofss.digx.extxface.common.ubs124.impl.EnumerationAdapter','01','ofs  
suser',sysdate,'ofssuser',sysdate);
```

```
Insert into DIGX_FW_CONFIG_ALL_O  
(PROP_ID,PREFERENCE_NAME,PROP_VALUE,DETERMINANT_VALUE,CREATED_BY,CRE  
ATION_DATE,LAST_UPDATED_BY,LAST_UPDATED_DATE) values  
('OBDX_BU.com.ofss.digx.extxface.common.adapter.IEnumerationAdapter.getISDCode','Extxfac  
eAdapterPreference','com.ofss.digx.extxface.common.ubs124.impl.EnumerationAdapter','01','ofs  
suser',sysdate,'ofssuser',sysdate);
```

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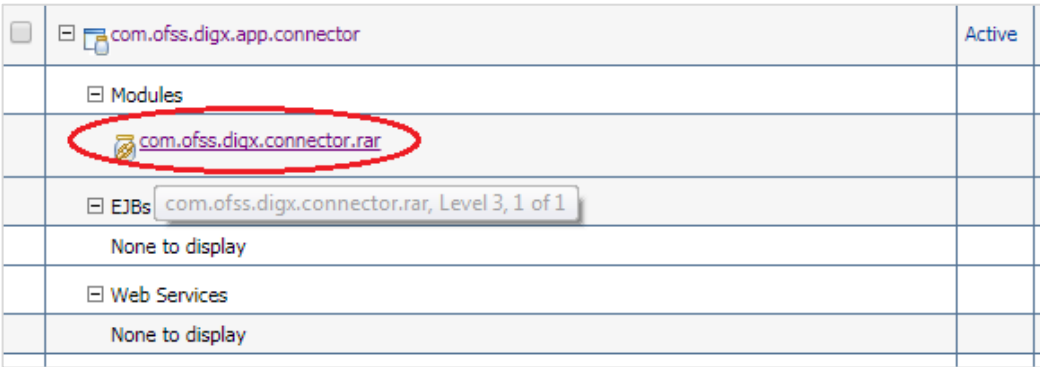
# 8. Security Credential Mapping for connector.ear

Please follow following steps

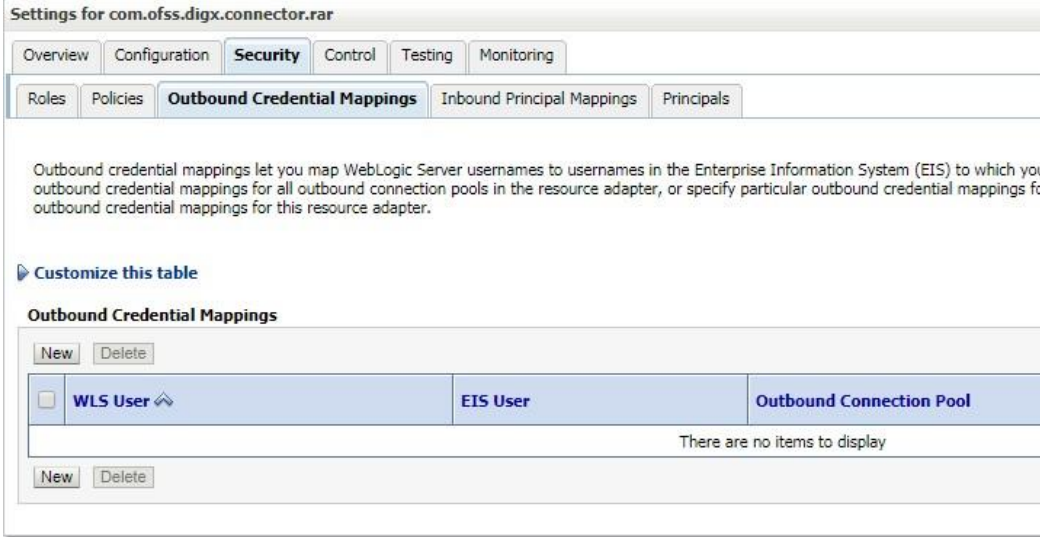
- 1. Login into Weblogic console.
- 2. Click on **Deployments**.
- 3. Expand by clicking '+' icon present in front of **com.ofss.digx.app.connector application** as shown below.



- 4. Click **com.ofss.digx.connector.rar** as shown below.



- 5. Click '**Security**' tab and then click '**Outbound Credential Mappings**' sub tab as shown below.



6. Click on 'New' Button. Following screen will be appearing.

**Outbound Connection Pool**

Which Outbound Connection Pool would you like the credential map to be associate resource adapter. Each Outbound Connection Pool can then configure themselves to

[Customize this table](#)

**Create a New Security Credential Map Entry for:**

<input checked="" type="checkbox"/>	Outbound Connection Pool
<input type="checkbox"/>	ra/DIGXConnectorAES
<input type="checkbox"/>	ra/DIGXConnectorBIREPORTS
<input type="checkbox"/>	ra/DIGXConnectorFILEUPLOAD
<input type="checkbox"/>	ra/DIGXConnectorMERCHANT
<input type="checkbox"/>	Resource Adapter Default

7. Select 'ra/DIGXConnectorAES' and click then 'Next' button. Following screen will be appearing.

**WebLogic Server User**

Select the WebLogic Server User that you would like to map an EIS resource adapter is first started. Selecting 'Default User' will configure them. Selecting 'User for unauthenticated user' will configure the user that you are configuring. This user must be a configured WebLogic User

**User for creating initial connections**

**Default User**

**Unauthenticated WLS User**

**Configured User Name**

WebLogic Server User Name:

8. Select **'Default User'** and then click **'Next'** button. Following screen will be appearing.

**EIS User Name and Password**

Configure the EIS User Name and Password that you would like to map the WebLogic Server User to:

\* Indicates required fields

Enter the EIS User Name:

\* **EIS User Name::**

Enter the EIS Password:

\* **EIS Password::**

\* **Confirm Password::**

9. Enter following details and then click **'Finish'** button.
  - EIS User Name → AES\_KEY
  - EIS Password → "Desired password"
  - Confirm Password → "Desired password"
10. Restart the manage server to activate the changes.

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## 9. OBRH Configuration

During Bank Implementation, assuming OBRH is installed and configured as part of OBO installation. For OBDX and mid Office OBO integration using OBRH the following configurations need to be done.

1. Carry out all the steps mentioned in OBRH Integration Configuration section in OBRH Configuration document. The service provider for mid-office product OBO end-points configured in OBRH is "OBO"

2. After all the above steps are completed, user needs to execute some scripts for the host APIs that are to be consumed via OBRH. These are the scripts to pick the third party adapter implementation instead of the host specific implementations as well as to call the OBRH endpoint for the configured interfaces. The scripts are available at the following location:

```
/Installables/db/OFLO/DIGX_FW_CONFIG_ALL_O.sql
```

Note: '%ENTITY\_ID%' should be replaced with the entity identifier (For Example if the entity during implementation is OBDX\_BU then '%ENTITY\_ID%' should be replaced by 'OBDX\_BU').

3. The list of Interface name that integrated with OBDX-Origination using OBRH as follows:

Interface Id	OBDX Screen	Description
READ_PARTY_ADDITIONAL_DETAILS	Internal Call – no screen	Existing customer workflow
OR_APPLICATIONOFFER_READ	Application tracker details	Read the offer of applicant
OR_APPLICATIONOFFER_CREATE	Application tracker details	Accept / Reject the offer
APPLICATION_DELETE	Delete Application on tracker page	Delete the ongoing applicant application
APPLICATION_TRACKER	Application Mobile Tracker	This API is used to continue application related to specific mobile number
OR_CLARIFICATION_LIST	Application tracker details	To and fro communication
OR_CLARIFICATION_UPDATE	Application tracker details	Update To and fro communication

Interface Id	OBDX Screen	Description
EXTRACT_TEXT_BASE64	Document upload screen	Document OCR
NI_NATIONALIDVERIFICATION_VALIDATE	National ID validation	Validate input national ID
NI_NATIONALIDVERIFICATION_INITIATE	National ID verification screen	Initiate National ID verification process
CREATE_APPLICATION	After verifying mobile number	Request to create application on OBO
ORG_PRODUCT_LIST_CREDITCARDH1	Selection of Credit card from products	List of Credit card products
ORG_PRODUCT_LIST_TERMDEPOSITH1	Selection of Term Deposit from products	List of TD products
ORG_PRODUCT_LIST_CHECKINGH1	Selection of Checking Account from products	List of Checking Account products
ORG_PRODUCT_LIST_SAVINGSH1	Selection of Saving Account from products	List of Saving Account products
ORG_PRODUCT_LIST_AUTOLOANH1	Selection of Auto Loan from products	List of Auto Loan products
ORG_PRODUCT_LIST_HOMELOANH1	Selection of Home Loan from products	List of Home Loan products
ORG_PRODUCT_LIST_EDUCATIONLOANH1	Selection of Education Loan from products	List of Education Loan products
ORG_PRODUCT_LIST_PERSONALLOANH1	Selection of Personal Loan from products	List of Personal Loan products

<b>Interface Id</b>	<b>OBDX Screen</b>	<b>Description</b>
ORG_PRODUCT_LIST_WALLETH1	Selection of Wallet from products	List of Wallet products
ENUMERATION_LIST_GETSERVICEBRANCH	Personal Information screen	Armed force service member type of service
ENUMERATION_LIST_FETCHAPPLICATIONLOCATION	Personal Information screen	List of locations
ENUMERATION_LIST_FETCHINSIDERPROFILEROLE	Personal Information Screen	If applicant's relative is bank member so his/her role in bank
CITY_LIST	Personal Information Screen	List of cities
ORG_PRODUCT_LIST	On selection of Product Categories	List of All Main Products
READ_APPLICATION	On each segment / step	Read application details initiated from OBO
UPDATE_APPLICATION	On each segment / step	After each step's save call, it will update segment information on OBO
ORG_PRODUCT_LIST_CAPITALLOANH1	Selection of Working Capital Loan from business products	List of Working Capital Loan business products
ORG_PRODUCT_LIST_TERMLOANH1	Selection of Term Loan from business products	List of Term Capital Loan business products
OR_CASA_OFFER_CREATE	Application tracker details	Accept / Reject the offer
CASA_OFFER_DETAILS	Application tracker details	Read the offer of applicant
CONTENT_CREATE_ORIGINATION	Upload Document Section	Upload Documents to OBO
CONTENT_DELETE_ORIGINATION	View Document Section	Delete Uploaded Documents from OBO
CONTENT_LIST_ORIGINATION	List Uploaded Documents	Get all uploaded Documents of applicant from OBO

Interface Id	OBDX Screen	Description
CONTENT_READ_ORIGINATION	Read Document	Read / Download Document from OBO
ADDRESS_MAINTENANCE	After application initiated	To identify if Address is Communication / Residence from OBPY as Default
BUSINESS_OVERRIDES	After application submit	To accept all business rules / segment skipped during application in OBO
READ_PARTY_FROM_CIFID_SERVICE_MEMBER	Personal Information Screen	Read service member details from CIF id
READ_PARTY_FROM_CIFID_STAKEHOLDER	Stakeholder Information Screen	Read stakeholder details from CIF id
OR_QUESTIONNAIRE	Account Specification Screen	Read questionnaire from OBO
OR_QUESTIONNAIRE_CONSENT	Terms of Service Screen	Read consent for products from OBO
ENUMERATION_LIST_FETCHBUSINESSPROPERTYTYPES	Business Details screen	List of Business Property Type
ENUMERATION_LIST_FETCHCITIZENSHIPBY	Business Details screen	List of Citizen Ship By
ENUMERATION_LIST_FETCHCOUNTRYOFREGISTRATION	Business Details screen	List of Country of Registration
ENUMERATION_LIST_FETCHEMPLOYERNAME	Employment Information Screen	List of Employer Name
ENUMERATION_LIST_FETCHEMPLOYMENTCATEGORY	Employment Information Screen	List of Employment Category
ENUMERATION_LIST_FETCHEMPLOYMENTSTATUS	Employment Information Screen	List of Employment Status
ENUMERATION_LIST_FETCHORGANIZATIONCATEGORY	Employment Information Screen	List of Organization Category
ENUMERATION_LIST_FETCHPREFERREDREDCURRENCY	Account Specification	List of Preferred Currency
ENUMERATION_LIST_FETCHSUFFIX	Personal Information Screen	List of Suffix

Interface Id	OBDX Screen	Description
ENUMERATION_LIST_FINANCIALASSETSTYPES	Financial Information screen	List of Financial Asset Types
ENUMERATION_LIST_GETFINANCIALEXPENSE	Financial Information screen	List of Financial Expense
ENUMERATION_LIST_GETFINANCIALINCOME	Financial Information screen	List of Financial Income
ENUMERATION_LIST_FINANCIALASSETSTYPES	Financial Information screen	List of Financial Asset Types
ENUMERATION_LIST_GETFINANCIALLIABILITY	Financial Information screen	List of Financial Liability
ENUMERATION_LIST_GETGENDER	Personal Information screen	List of Gender
ENUMERATION_LIST_GETMARITALSTATUS	Personal Information screen	List of Marital Status
ENUMERATION_LIST_GETNOMINEERELATIONS	Nomination information screen	List of Nominee Relation

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## 10. Live Experience Configuration

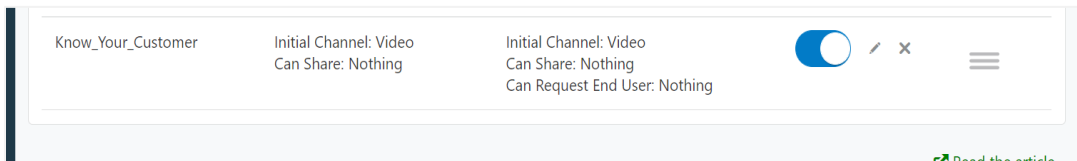
Following connectors required in Weblogic for LX to run

1. ra/DIGXConnectorLIVEEXP (Live experience Credentials)
2. ra/DIGXConnectorNETVERIFY (Jumio Credentials)

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**Note:** Retail Origination uses Know Your Customer Engagement scenario.

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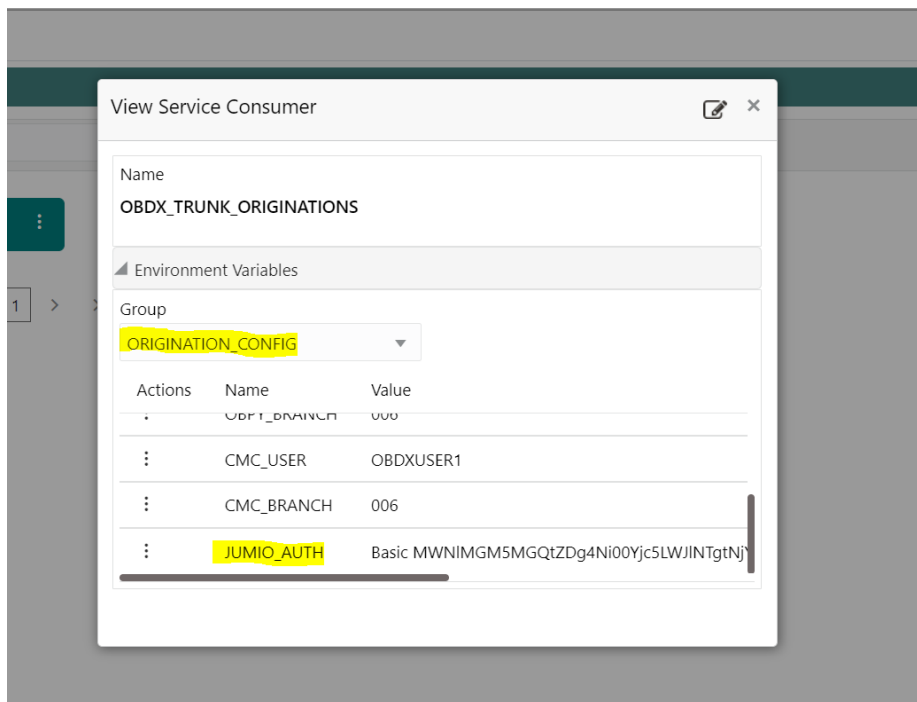
**Note:** For Live Experience server configuration please refer to “Live Experience Configuration Guide” under “Technical Documents”

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## 11. Jumio Configuration

1. Login to <https://customer-portal.netverify.com/> and note bearer token.
2. Bearer token is required to update in OBRH Service consumer. Go to environment variables.



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